TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.07(c))	Docket No. 2003UR019

In Re Application Of: **Max Deffenbaugh et al.**

Serial No. 10/829,600	Filing Date 22 April, 2004	Examiner Unknown	Group Art Unit Unknown

Title: **METHOD FOR PREDICTING PROPERTIES OF A SEDIMENTARY DEPOSIT FROM A THICKNESS CONTOUR OF THE DEPOSIT**

Address to:
**Assistant Commissioner for Patents
Washington, DC 20231**

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

    1.   a Final Action under 37 CFR 1.113, or

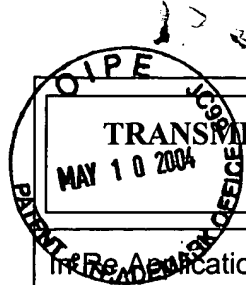   2.   a Notice of Allowance under 37 CFR 1.311,

Whichever occurs first.

Also submitted herewith is:

☐ a certification as specified in 37 CFR 1.97 (e);

OR

☐ the fee set forth in 37 CFR 1.17 (p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

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Payment of Fee
(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

☐ A check in the amount of _____ is attached.

☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **05-1328** as described below. A duplicate copy of this sheet is enclosed.

   ☐ Charge the amount of _____.

   ☐ Credit any overpayment.

   ☒ Charge any additional fee required.

_____   **May 6, 2004**
Signature   *Dated*

Gary P. Katz, Reg. No. 46,099

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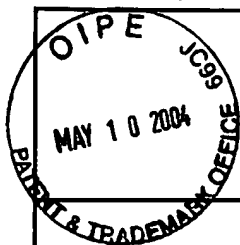
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicants
Max Deffenbaugh et al.

Filing Date	Group Art Unit
April 22, 2004	Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	6,246,963	06/12/01	Cross, T.	702	14	
	2	3,268,858	08/23/66	Winter, J.	340	15.5	
	3	4,821,242	04/11/89	Hennington, W.	367	53	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
	4	RS 110156	01/12/04	EPO (Search Report)			☐	☐

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	5	Bradford, S. F. and Katopodes, N. D. (1999) "Hydrodynamics of Turbid Underflows: I: Formulation and Numerical Analysis", *Jrnl. of Hydraulic Engineering*, Oct. 1999 pp. 1006-1015.
	6	Chaudhry, M. H. (1993) "Open-Channel Flow", Englewood Cliffs, NJ: Prentice-Hall.
	7	Dietrich, W. E. (1982) "Settling Velocity of Natural Particles", *Water Resources Research, Vol. 18, no. 6,* Dec. 1982, pp. 1615-1626.
	8	Garcia, M. and Parker, G. (1991) "Entrainment of Bed Sediment Into Suspension", *Jrnl. of Hydraulic Engineering, Vol. 117, no. 4,* April 1991, Paper No. 25706, pp. 414-435, ISSN 0733-9429/91/0004-0414.
	9	Garcia, M. (1993) "Experiments on the Entrainment of Sediment Into Suspension by a Dense Bottom Current", *Jrnl. of Geophysical Research, Vol. 98, no. C3,* Mar. 15, 1993, pp. 4793-4807.
	10	Hager, W. H. (1996) "Alluvial Channel Geometry: Theory and Applications", *Jrnl. of Hydraulic Engineering,* Dec. 1996, pp. 750.
	11	Huang, H. Q. (1996) "Discussion on: Alluvial Channel Geometry: Theory and Applications", *Jrnl. of Hydraulic Engineering,* Dec. 1996, pp. 750-751.
	12	Huang, H. Q. and Nanson, G. C. (2000) "Hydraulic Geometry and Maximum Flow Efficiency as Products of the Principle of Least Action", *Earth Surface Processes and Landforms, Vol. 25,* pp. 1-16.
	13	Imran, J. and Parker, G. (1998) "A Numerical Model of Channel Inception on Submarine Fans", *Jrnl. of Geophysical Reearch, Vol. 103, no. C1,* Jan. 15, 1998, pp. 1219-1238.
	14	Parker, G. et al. (1986) "Self-Accelerating Turbidity Currents", *Jrnl. Fluid Mech, Vol. 171,* Mar. 24, 1986, pp. 145-181.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-A820
(also form PTO-1449)

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